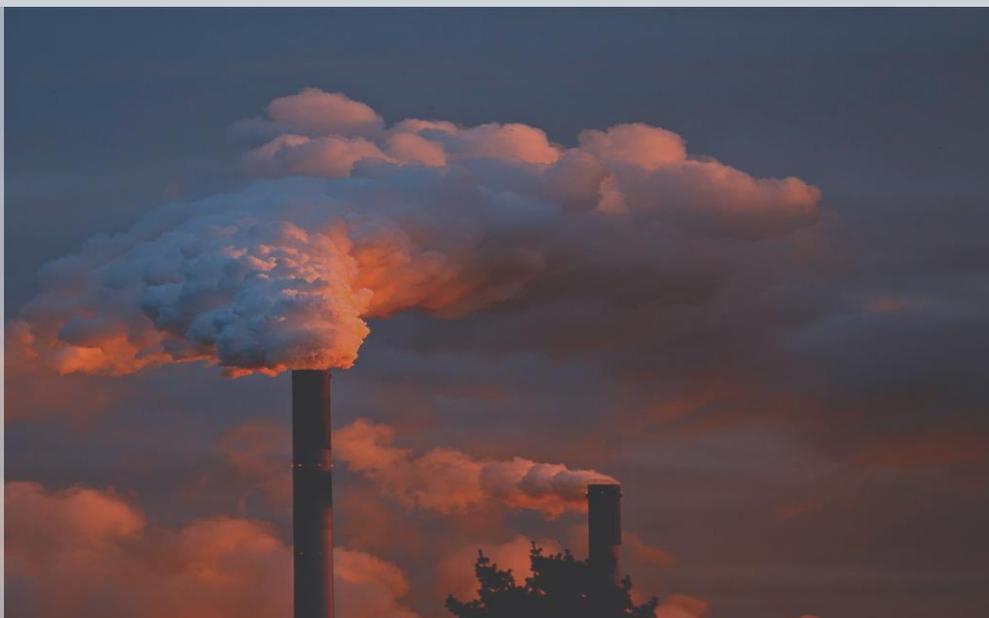




# TRAP TRANSBOUNDARY AIR POLLUTION HEALTH INDEX DEVELOPMENT AND IMPLEMENTATION

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## TRAP – Transboundary Air Pollution Health Index Development and Implementation Greece – Republic of North Macedonia

The main sources of air pollution at participants countries are caused by industrial activities, transportation, and heating systems. Air quality problems from industrial sources mainly concern areas with thermo-electrical power stations and industrial units located close to residential areas. Other sources (e.g., transport and dust from deserts) and natural conditions (e.g., local topography and climatic conditions) also worsen urban air quality. Air quality is also strongly influenced by pollutants trapped due to thermal inversions caused from sea/land breezes and thermal internal boundary layers.

Strategic objective of TRAP project is the creation of an ICT application integrating air quality monitoring with health impact indexes in the participating countries and the Cross Border area.

The project aims to evaluate current situation regarding air quality in partners' areas, install air quality monitoring stations and create public health indexes for assessing air quality impact on human health and natural environment. TRAP will extend the already established network of air quality to both countries and cross-border area by establishing 4 new monitoring stations (2 per country).

Moreover, health indicators based on the effects of air pollution on human health, will be displayed on the project's website. TRAP is expected to go a step beyond the current of the art in air quality by correlating air quality and health and providing an integrated air quality-health ICT tool which will be accessible by stakeholders and public.



## Training Seminar

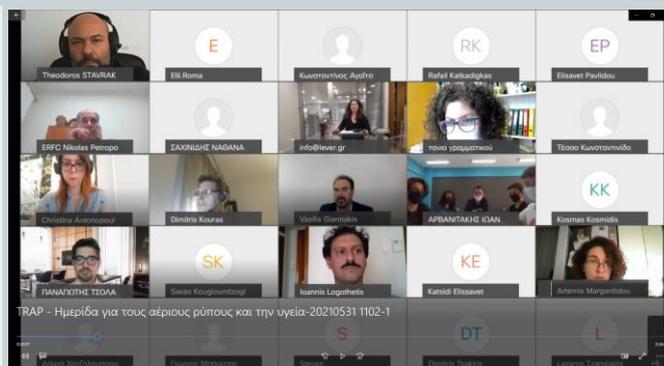
### “Air Pollution, Health, and Local Development”

The online seminar on “Air Pollution, Health, and Local Development” was organised by the Municipality of Florina on May 31, 2021.

The seminar was attended by more than 35 executives and employees of local authorities, as well as environmental and health scientists.

Participants were informed on the possible sources of air pollutants, the problems caused to the environment and health, as well as the role of mining and transport, which impose a significant environmental burden.

In addition, during the seminar, innovative actions implemented in the area of Florina to reduce the effects of air pollution were presented. These actions could be the basis for future synergies, by aiming for local development based on environmental protection, health, promotion of citizens' well-being, and improvement of their quality of life.



*The Municipality of Florina is at the forefront of the fight against climate change and in favor of the energy transition, actively participating in all discussions at all levels, submitting proposals, and including projects aimed at carbon footprint reduction.*

*Vassileios Giannakis – Mayor of the Municipality of Florina*

## 5th Steering Committee Meeting



On May 31, 2021, the 5th Steering Committee Meeting was organised by the Municipality of Florina, via the Webex Platform.

At the meeting, the course of the project actions per partner was presented and discussed in detail along with the relevant timetable related to its implementation actions.

One of the main topics discussed between the partners was the request for an extension that is needed so that the actions envisaged by the project can be completed and the project objectives can be achieved.

## Project's Promotion through Portuguese TV



In the 10th episode of the show [#DeLisboaAEstocolmo](#) (after the 8th min.), which aired on July 3, 2021, by the Portuguese National TV Network RTP – Portugal, with the journalist Mrs. Raquel Morão Lopes, the TRAP project and its objectives was presented.

Hosts of the #DeLisboaAEstocolmo show travel to the EU and promote cross-border, transnational, and national environmental projects that promote sustainability, ecology, and environmental protection. During their visit to Greece, one of the two projects chosen to present on their show was the TRAP project. The project was selected as a recognized good practice from the European database of co-financed projects, which could be found [here](#).

Furthermore, in addition to the project's actions, during the show, other topics were briefly presented, such as the effects of the exit from lignite mining, as a reduction of the activity of PPC SA, and the need to support the region at a European and national level during the transition period.

The visit of the journalists and the shooting of the show took place on 26th and 27th May 2021.

We would like to thank Mrs. Raquel Morão Lopes and Mr. Pedro Góis for the promotion of our project as well as the Municipality of Florina (Tania Grammatikou, Daniel Stefanopoulos, and Elias Mouleli) and PPC SA. (Nikos Antonios, Miltiadis Triantafyllou, and Tryfonas Barba) for their full support both in the implementation of the project and during the shooting of the show.

## Installation of Air Quality Monitoring Station in Florina

On May 14, 2021, in the Traffic Education Park of the Municipality of Florina, the Environmental Center of Western Macedonia (KEPE), Lead partner, installed an Air Quality Monitoring System.



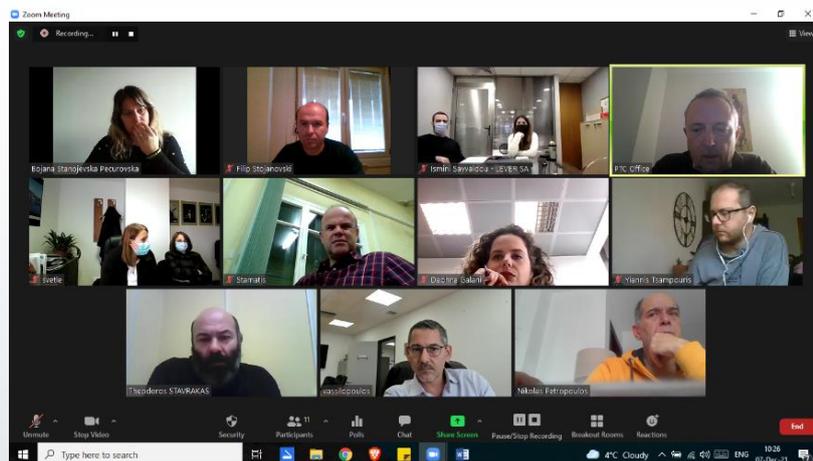
## Publicity Material of the Municipality of Florina

The Municipality of Florina in the framework of the TRAP project created and printed the following publicity material:

- ✚ Brochures and leaflets, in Greek and English,
- ✚ Banners
- ✚ Notebooks
- ✚ USB Sticks with the project logo



## Technical Meeting of the Steering Committee of the project



On December 7, 2021, the 6<sup>th</sup> Steering Committee Meeting was organised, via Zoom Platform, by the Center for Climate Change in Gevgelija (CCC). The meeting was attended by representatives of all project partners.

Specifically, the meeting briefly presented the planned actions, the implementation of the partners' actions, with special emphasis on the technical part of the project, namely the creation of the ICT application Air Quality Monitoring with Air Pollution Health Indicator (ICT Tool), given the opportunity of the presence of external and scientific collaborators of the partners who are responsible for the implementation of this specific deliverable.

## NEXT EVENTS AND MEETINGS

Final International Conference in Ohrid	<b>June 2022</b>
Final International Conference in Florina (online)	<b>May 2022</b>

## TRAP

Transboundary Air  
Pollution Health Index  
Development and  
Implementation

**Website:**  
<https://trap-project.eu/>

**Contact:**  
**E-mail:** [research-studies@kepekozani.gr](mailto:research-studies@kepekozani.gr)  
**Tel.:** +30 2463053666

**Communication  
Manager:**  
**Theodoros Stavrakas**  
Environmental Centre  
of Western  
Macedonia  
1<sup>st</sup> km Ptolemaida –  
Kozani  
50200  
GREECE

